

NOAA/NESDIS
GOES-R High Spectral Sounder Data
COMPRESSION MEETING

22 May 2003
8:45am-4:00pm

NOAA Compression Heritage

- “Data Compression for NESS/GOES Data System”
- “Data Compression for NOAA Weather Satellite Systems”
 - Robert F. Rice / Alan Schlutsmeyer
 - January-July 1980

NOAA Compression Heritage

(continued)

- Distribution of 57Kbps IR data via 9.6Kbps telephone networks to Satellite Field Service Stations (SFSS)
 - No Data Degradation
 - Critical Area Coverage
 - Near real-time Transmission
 - Reduce Storage Requirements
 - Low Cost

NOAA Compression Heritage

(continued)

- “NOAA should continue to pursue the use of data compression in three problem areas”
 - Compression Techniques
 - Component Design
 - System Integration